

### MLFB-Ordering data

6SL3210-5BB21-5UV0



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		General tech. specifications	
<b>Input</b>		<b>Power factor <math>\lambda</math></b>	0.72
<b>Number of phases</b>	1 AC	<b>Offset factor <math>\cos \varphi</math></b>	0.95
<b>Line voltage</b>	200 ... 240 V -10 % +10 %	<b>Efficiency <math>\eta</math></b>	0.98
<b>Line frequency</b>	47 ... 63 Hz	<b>Ambient conditions</b>	
<b>Output</b>		<b>Cooling</b>	External fan
<b>Number of phases</b>	3 AC	<b>Installation altitude</b>	1000 m (3281 ft)
<b>Rated voltage</b>	230 V	<b>Ambient temperature</b>	
<b>Rated power (HO)</b>	1.50 kW / 2.00 hp	<b>Operation</b>	-10 ... 60 °C (14 ... 140 °F)
<b>Rated power (LO)</b>	1.50 kW / 2.00 hp	<b>Storage</b>	-40 ... 70 °C (-40 ... 158 °F)
<b>Rated current (HO)</b>	7.80 A	<b>Relative humidity</b>	
<b>Rated current (LO)</b>	7.80 A	<b>Max. operation</b>	95 %
<b>Pulse frequency</b>		<b>Communication</b>	
<b>Pulse frequency</b>	2.00 kHz	<b>Communication</b>	USS, Modbus RTU
<b>Output frequency</b>	0 ... 550 Hz	<b>Standards</b>	
		<b>Compliance with standards</b>	CE, cULus, C-Tick (RCM), KC
		<b>CE marking</b>	EN 61800-5-1 /EN 60204-1 and EN 61800-3

### Overload capability

#### Low Overload (LO)

110 % rated output current for 60 s, cycle time 300 s

#### High Overload (HO)

150 % rated output current for 60 s, cycle time 300 s



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Mechanical data		Connections	
Mounting position	Through-hole mounting / wall mounting / side-by-side mounting	Max. motor cable length	
Degree of protection	IP20	Shielded	25 m (82 ft)
Size	FSB	Unshielded	50 m (164 ft)
Net weight	1.60 kg ( 3.53 lb )		
Width	140.0 mm ( 5.51 in )		
Height	160.0 mm ( 6.30 in )		
Depth	164.5 mm ( 6.48 in )		

Inputs / outputs	
Standard digital inputs	
Number	4
Digital outputs	
Number as relay changeover contact	1
Number as transistor	1
Analog inputs	
Number	2 (Can be used as additional digital input)
Analog outputs	
Number	1